

2/21/2018

Print



Dart Hawkesbury  
1270 Aberdeen St Hawkesbury, ON K6A 1K7 Canada  
Tel (613) 632-5200

## Purchasing Receipts

PO No	Supplier	Line Item No	Rel No	Terms	Purchased Item	Description	For Part No	Project	Equipment ID	Order Qty	Due Date	Received Quantity	Accounting Job No	Serial No	Status	Receive Date	Price/Unit	Aging Days	Past Due
PO039987	DIV001-VU	1	1	Net 30	M7075T6S4.500X5.000	T075-T6S Sheet 4.500" Thick X 5.000" Wide : MATERIAL: 7075- T6/T62/T651 ALUMINUM SHEET AS PER QQ-A- 250/12 OR AMS-QQ-A- 250/12 OR AMS 4045 OR ASTM B209 receive ft				24	2/21/2018	24		S044211	Stock	2/21/2018	\$ 146.31 / ft	0	
Total:										24		24							

Plex 2/21/2018 12:39 PM Dart.Dubois.Pascal



14 Connor Lane, Deer Park, NY 11729 Tel: 631.761.6200 Fax: 631.761.6201

Customer PO #	Order Date	SP
PO038987	02/08/18	AB

Sales Order Number	45312
Invoice Date	2/14/2018
Invoice Number	65565

Ship To:
DART AEROSPACE LTD. 1270 ABERDEEN STREET HAWKESBURY, ON K6A 1K7 CANADA

# Pkg.	1 BUNDLE
Weight	740 LBS

Ship Date	Shipped Via	Test Reports
2/14/2018	JOURNEY FRT	Y

Item #	Order Qty	U/M	Description	Qty Shipped	Bal. on Order
1	24	FT	7075-T651 AMS QQ-A-250/12, ASTM B209 5" X 4.5" X 72" LONG 4 PIECES MILL: KAISER LOT #: 644123A2	24 24	0

PACKING LIST  
CERTIFICATE OF COMPLIANCE  
We certify that the materials described above conform to the specifications stated.

*Cathie Vail*  
Quality Control Manager

## Chantal Lavoie

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**From:** Anthony Burmeta <anthony@dipmetals.com>  
**Sent:** Thursday, February 08, 2018 8:25 AM  
**To:** Chantal Lavoie  
**Subject:** RE: quote  
  
**Importance:** High

Chantal,

We can offer cut from plate. Please see our offer below:

7075-T6

4.5" x 5" x 6 Feet Long

2 Pcs - PRICE: \$907.50 Each 151.25.

4 Pcs - PRICE: \$877.88 Each 146.31

Ships within 1 Week ARO

FOB Deer Park NY 11729

All Material is Subject to Prior Sale & Availability

Kindest Regards,  
Anthony

*Anthony Burmeta*

**DIVERSIFIED INDUSTRIAL PRODUCTS (AS 9100 & ISO 9001 Certified)**

**14 CONNOR LANE, DEER PARK NY 11729**

**(631) 761-6200 EXT 110**

anthony@dipmetals.com

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**From:** Chantal Lavoie [mailto:clavoie@dartaero.com]  
**Sent:** Thursday, February 08, 2018 8:05 AM  
**To:** Anthony Burmeta  
**Subject:** quote

Good morning Anthony,  
Please advise price an delivery on mat'l.

7075t6 plate or bar 4.5" x 5 " x 12 ft 2 pcs of 6 ft

Thanks  
Chantal

**Chantal Lavoie**  
*Purchasing Coordinator*

**DART AEROSPACE**  
T 1 613 632-5200  
F 1 613 632-1053  
E [clavoie@dartaero.com](mailto:clavoie@dartaero.com)  
1 800 556- 4166



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Dart Aerospace Ltd.  
1270 Aberdeen St  
Hawkesbury, ON  
K6A 1K7  
Canada

Tel (613) 632-5200

## PURCHASE ORDER PO038987

**Supplier:** DIV001-VU  
Diversified Industrial Products  
14 Connor Lane  
Deer Park, NY 11803 USA  
Phone: 516 822 8300  
Fax: 516 822 8332

**PO No:** PO038987  
**PO Date:** 2/8/18  
**Due Date:** 2/21/18

**Purchase Order  
Revision:**

**Revision Date:**

**Ship-To Contact:** Lacelle, Linda  
Phone: llacelle@dartaero.com

**Ship To:** 1270 Aberdeen Street  
Hawkesbury  
ON  
K6A 1K7 Canada  
Phone: 613-632-5200

**Via:** Ground

**Pynt Terms:** Net 30

**Freight Terms:**

**Special Comments:**

E-MAILED  
FEB 08 2018

### Items

Line Item	Part	Supplier Part No	Description	Status	Due Date	Order Quantity	Received Quantity	Balance	Unit Price (USD)	Extended Price
1	M7075T6S4.500X5.000		7075-T6S Sheet 4.500" Thick X 5.000" Wide : MATERIAL: 7075-T6/T62/T651 ALUMINUM SHEET AS PER QQ-A-250/12 OR AMS-QQ-A-250/12 OR AMS 4045 OR ASTM B209 receive ft	Firmed	2/21/18	24 ft	0 ft 24'	24 ft	\$146.31/ft	\$3,511.44

**Grand Total:** \$3,511.44

### Order Notes

#### Procurement Quality Clauses

A005 right of entry  
A012 chemical and physical test report  
A016 personnel qualification  
A017 raw material identification (as applicable)  
A026 certification of material conformance  
A041 quality management system  
A042 dart notification by supplier  
A043 retention of quality documents

A048 counterfeit parts avoidance, detection, mitigation and disposition program

A049 supplier awareness

Terms & Condition of Purchasing(Suppliers) and Procurement Quality Clauses are an integral part of our AS9100 requirements. To learn in detail, please visit [www.dartaerospace.com](http://www.dartaerospace.com) for further explanation.

Plex 2/8/18 10:11 AM dart.lacelle.linda

## MATERIAL RECEIPT INSPECTION FORM

MATERIAL: M7075T6S4.500X5.000

PO / BATCH NO.: 038987/5044211

DATE: FEB 21 2018

MATERIAL CERT REC'D: yes  
 QUANTITY RECEIVED: 24'  
 QUANTITY INSPECTED: 24'  
 QUANTITY REJECTED: 0

THICKNESS ORDERED: 4.500  
 THICKNESS RECEIVED: 4.500  
 SHEET SIZE ORDERED: N/A  
 SHEET SIZE RECEIVED: N/A

DESCRIPTION	NCR (Check Y/N)	COMMENTS
SURFACE DAMAGE	Y <input checked="" type="radio"/> N	
CORRECT FINISH	<input checked="" type="radio"/> Y <input checked="" type="radio"/> N	
CORROSION	Y <input checked="" type="radio"/> N	
CORRECT GRAIN DIRECTION	<input checked="" type="radio"/> Y <input checked="" type="radio"/> N	
CORRECT MATERIAL PER M-DRAWING	<input checked="" type="radio"/> Y <input checked="" type="radio"/> N	
CORRECT THICKNESS	<input checked="" type="radio"/> Y <input checked="" type="radio"/> N	
PHOTO REQUIRED	X <input checked="" type="radio"/> N	
CORRECT REF # TO LINK CERT	<input checked="" type="radio"/> X <input checked="" type="radio"/> N	Heat # 64412342
CORRECT MATERIAL IDENTIFICATION	<input checked="" type="radio"/> Y <input checked="" type="radio"/> N	
CORRECT M# ON THE MATERIAL	<input checked="" type="radio"/> Y <input checked="" type="radio"/> N	
DOES THIS MATERIAL REQUIRE ENGINEERING SIGN OFF	Y <input checked="" type="radio"/> N	
DOES THIS REQUIRE AN EXTRUSION REPORT	Y <input checked="" type="radio"/> N	

CUT SAMPLE PIECE OF MATERIAL AND PREFORM A HARDNESS CHECK. RECORD RESULTS BELOW					
	HRC	HRB	DUR A	DUR D	WEBSTER
TYPE OF MATERIAL					
SIZE OF TEST SAMPLE					
HARDNESS / DUROMETER READING					

testers located in the Quality Office

<b>QC 18 INSPECTION</b>	<b>ENGINEERING SIGNOFF (if required)</b>
INSPECTED BY: <u>DAS 11</u> DATE: <u>9-89 FEB 21 2018</u>	SIGNED OFF BY: _____ DATE: _____

Attach this inspection sheet with the corresponding material cert and remit to be scanned and received in

# SPECIFICATION CONTROL DRAWING

△ PURCHASE MATERIAL: 7075-T6/T62/T651 ALUMINUM SHEET OR PLATE

SPECIFICATION: ~~QQ-A-250/12~~ OR AMS-QQ-A-250/12  
OR ~~AMS 4045~~  
OR ASTM B209

OR

△ PURCHASE MATERIAL: 7075-T6/T62/T651 ALCLAD ALUMINUM SHEET OR PLATE

△ SPECIFICATION: QQ-A-250/13 OR AMS-QQ-A-250/13  
OR AMS 4048 / 4049  
OR ASTM B209

△ PART NUMBER: M7075T6S | TTT | X | W.WWW |  
| THK | | WIDTH |

△ WHERE "TTT" = THICKNESS (IN INCHES)  
AND "W.WWW" = WIDTH (IN INCHES, OPTIONAL, FOR SPECIFYING CUT PLATE)  
EG. 0.063" THICK SHEET = M7075T6S.063  
EG. 3.5" WIDE BY 0.500" THICK PLATE = M7075T6S.500X3.500

△ PREFERRED SIZE: .TTT BY 4FT BY 10FT FOR SHEET

RELEASED  
2017 JUN 19  
ECN 17-574

APPROVED

REV.	DESCRIPTION	DATE
B	ADD. REF TO "PLATE" - T651 TEMPER, AMS 4048, OPTIONAL WIDTH DIM (CARTG-140)	17.05.05
A	NEW ISSUE	10.11.08
DESIGN	RF	BY
DRAWN	CP	DATE
CHECKED	ML	
MFG. APPR.	LL	
APPROVED	WM	
DE APPR.	DS	
DATE	17.05.05	

DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA		REV. B
DRAWING NO.	M7075T6S	SHEET 1 OF 1
TITLE	7075-T6 SHEET/PLATE SPEC.	SCALE
NTS		

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SHIP TO:
DIVERSIFIED INDUSTRIAL PRODUCTS 14 CONNOR LANE DEER PARK, NY 11729
SOLD TO:
DIVERSIFIED INDUSTRIAL PRODUCTS 14 CONNOR LANE DEER PARK, NY 11729

**KAISER  
ALUMINUM**  
Trentwood Works - Spokane, WA 99215  
Phone: (800) 367-2586

## CERTIFIED TEST REPORT

Serial Number  
4301657

CUSTOMER PO NUMBER: 89001	WORK PACKAGE:	CUSTOMER PART NUMBER:	SHIP RUN/LOAD: 102670/8	GOVT CONTRACT NUMBER:
KAISER ORDER NO: 1154635	LINE ITEM: 1	SHIP DATE: 25-JUN-2013	ALLOY: 7075	CLAD: BARE
TEMPER: T651	PRODUCT DESCRIPTION: Kaiser Select® Plate			
WEIGHT SHIPPED: 14294 LB	QUANTITY: 4 PCS EST.	TRUCK BL #: 2042873	GAUGE: 5.0000 IN (127.0000 MM)	DIAMETER/WIDTH: 48.500 IN (1231.9 MM)
			LENGTH: 148.500 IN (3721.1 MM)	

MHU 1692889: LOT 644123A2: 1 pieces;  
MHU 1692890: LOT 644123A2: 1 pieces;  
MHU 1692916: LOT 644153A9: 1 pieces;  
MHU 1692918: LOT 644153A9: 1 pieces;

### Certified Specifications

AMS 4045/RevK

AMS-QQ-A-250/12

ASTM B 209/Rev10

Test Code: 1512

### Test Results

Lot: 644123A2 Cast 540

Drop 12

Ingot 3

Melted in USA

(ASTM E8/B857)  
(EN 2002-1)

Tensile:	Temper	Dir / # Tests	Ultimate KSI (MPA)	Yield KSI (MPA)	Elongation %
	T651	LT / 2 (Min:Max)	66.8 : 68.8 (461 : 474)	49.1 : 53.7 (339 : 370)	10.7 : 10.8

(ASTM E1251)

Chemistry:	SI	FE	CU	MN	MG	CR	ZN	TI	V	ZR	OTHER
Actual(wt%)	0.08	0.19	1.4	0.05	2.4	0.19	5.7	0.03	0.01	0.02	TOT 0.05

DIVERSIFIED INDUSTRIAL PRODUCTS CORP.  
CERTIFY THIS A TRUE COPY OF THE  
MILL TEST REPORT USED TO FILL YOUR  
ORDER.

Company DART AEROSPACE  
PO# PO038987  
Our Inv. # 65565  
Qty. 24 FT  
Part # QQ-A-250/12  
QC Dept. Cathie Vail  
Cathie Vail





Trentwood Works - Spokane, WA 99215  
Phone: (800) 367-2586

## CERTIFIED TEST REPORT

Serial Number  
4301657

Lot: 644153A9 Cast 540 Drop 12 Ingot 1 Melted in USA

(ASTM E8/B557)  
(EN 2002-1)

Tensile:	Temper	Dir / # Tests	Ultimate KSI (MPA)	Yield KSI (MPA)	Elongation %
	T651	LT / 2 (Min:Max)	87.1 : 87.3 (463 : 464)	49.5 : 50.8 (341 : 350)	10.7 : 10.8

(ASTM E1251)

Chemistry:	SI	FE	CU	MN	MG	CR	ZN	TI	V	ZR	TOT	OTHER
Actual(wt%)	0.08	0.19	1.4	0.05	2.4	0.19	5.7	0.03	0.01	0.02		0.05

### ALLOY LIMITS

	SI	FE	CU	MN	MG	CR	ZN	TI	V	ZR	OTHER	MAX
7075												
MIN(wt%)	0.00	0.00	1.2	0.00	2.1	0.18	5.1	0.00	0.00	0.00	EACH	0.05
MAX(wt%)	0.40	0.50	2.0	0.30	2.9	0.28	6.1	0.20	0.05	0.05	TOT	0.15

Aluminum Remainder

### CERTIFICATION

Kaiser Aluminum Fabricated Products, LLC (Kaiser) hereby certifies that metal shipped under this order was melted in the United States of America or a qualifying country per DPAHS 225.872-1(a), was manufactured in the United States of America, and meets the requirements of DPAHS 252.225 for domestic content. This material has been inspected, tested and found in conformance with the requirements of the applicable specifications as indicated herein. For material thicknesses outside specification limits, mechanical properties are as shown herein and chemical composition meets specification requirements. All metal which is solution heat treated complies with AMS 2772. Any warranty is limited to that shown on Kaiser's standard general terms and conditions of sale. Test reports are on file, subject to examination. Test reports shall not be reproduced except in full, without the written approval of Kaiser Aluminum Fabricated Products, LLC laboratory. The recording of false, fictitious or fraudulent statements or entries on this certificate may be punished as a felony under federal law. ISO-9001:2000 certified.

JAMES HEMENWAY, LABORATORIES SUPERVISOR